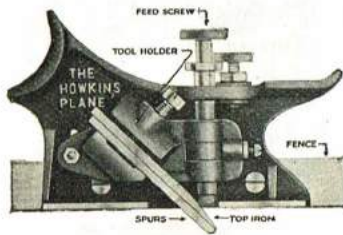


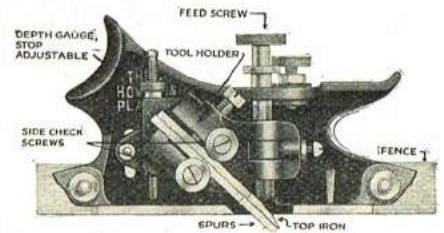
THE HOWKINS PLANES

These planes embody a new principle—the spur cutter and top iron are bolted together in the tool-holder, which is practically a slide rest working vertically. They are then fed down into the work by the feed screw. When working against the grain the spurs are set slightly in advance of the top iron. They cut the material of the sides of the groove on the backward stroke, and the top iron removes the material on the forward stroke. Grooves, straight, circular, elliptical, etc., can be cut right through or to a self-formed stop at either or both ends.



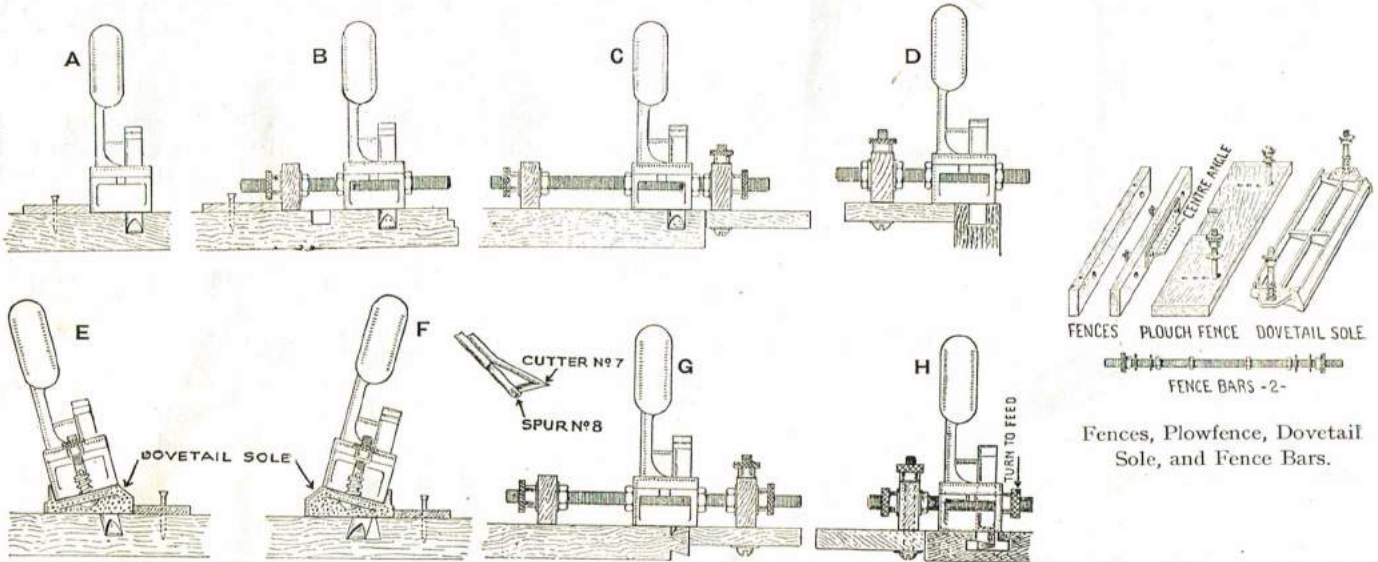
No. T480. Model B.

The maximum depth of cut is $\frac{7}{16}$ in. This Plane is made in two models—C and B. Model C will work the following: Dado, Rabbeting, Plowing, Matching, Moulding, Inlaying, Chamfering, Fillister, circular and elliptical, and, in addition, with the use of another face, which is bolted on to the existing one (see Figs. E and F), Dovetailing. All these various workings can be carried out to a stop end, as shown below, an operation which no other plane will do. Model B will carry out most of the above, with the exception of Dovetailing.

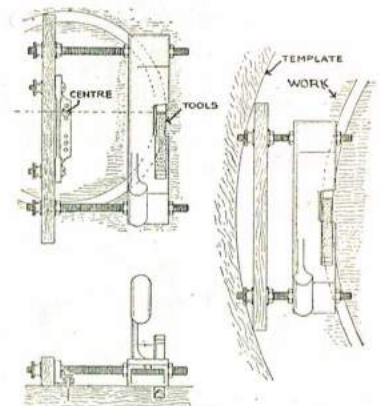
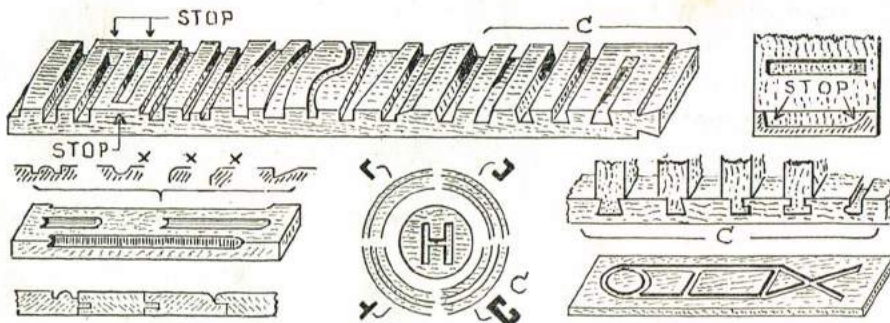


No. T480. Model C.

Samples of the work that can be done with the Howkins Planes



A. Dado Grooving. B. Parallel Double Grooving. C. Grooving with Fence. D. Plowing.
E and F. Dovetailing with Sole. G. Male Dovetailing. H. Tee-slotting.



No. T480.	Model B, complete with Fence	...	...	...	...	...	...	37/6
	Roll of Cutters for Model B	...	...	...	...	...	...	20/-
" T480.	Model C, including Wallet of Tools	...	...	...	...	...	...	100/-
" T481.	Toolholder, enabling skew cuts to be made, and six small Tools	...	...	...	...	...	...	8/-

Small Tools sold separately, 1/- each.

Set for Circular Work (left), or with Templet (right).

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